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PHOTOGRAPHIC INTERPRETATION REPORT

NPIC/R-1258/64

June 1964

MISSION COVERAGE INDEX
SPECIAL ROAD SURVEY, ROUTE 12
NORTH VIETNAM AND LAOS



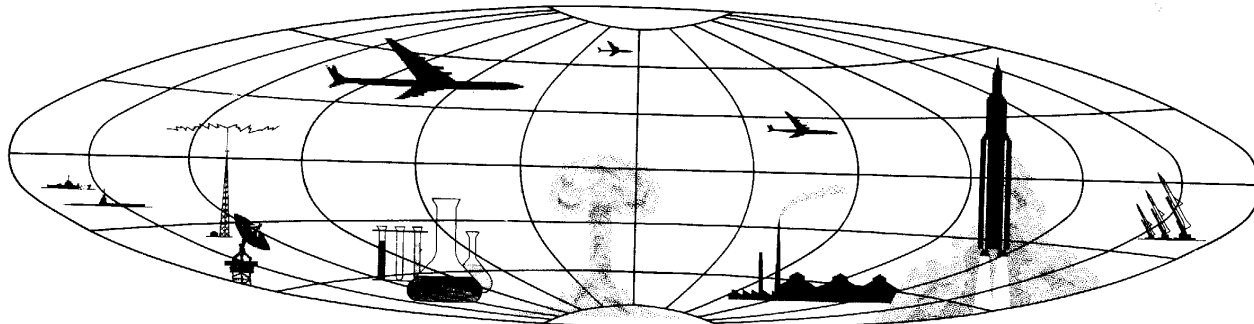
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WARNING

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PREFACE

THIS SPECIAL ROAD SURVEY COVERS CONDITIONS AND TARGETS FOUND ON PORTIONS OF ROUTE 12 IN LAOS AND NORTH VIETNAM. FOR THE PURPOSES OF THIS REPORT ROUTE 12 HAS BEEN BROKEN DOWN INTO THREE SEGMENTS, AS FOLLOWS --

SEGMENT 1 -- EXTENDING FROM 17-24N 104-50E TO 17-33N 105-10E (UTM VE823248 TO WE186411).

SEGMENT 2 -- EXTENDING FROM 17-33N 105-10E TO 17-34N 105-43E (UTM WE186411 TO WE771429).

SEGMENT 3 -- EXTENDING FROM 17-34N 105-43E TO 18-20N 105-54E (UTM WE771429 TO WF947269).

ENTRIES ARE ARRANGED BY ROUTE SEGMENT AND BY DATE WITHIN EACH SEGMENT.

PHOTOGRAPHIC MISSIONS USED IN THIS SURVEY INCLUDE --

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AN EXPLANATION OF COLUMN HEADINGS AND PHOTO
REFERENCES USED IN PRESENTING THIS INFORMATION
IS CONTAINED IN THE APPENDIX. THE MAP BASE
USED FOR THE DERIVATION OF COORDINATES AND
PLACE NAMES IN THIS SURVEY IS THE LATEST
EDITION OF THE AMS SERIES L509,
SCALE 1:250,000.

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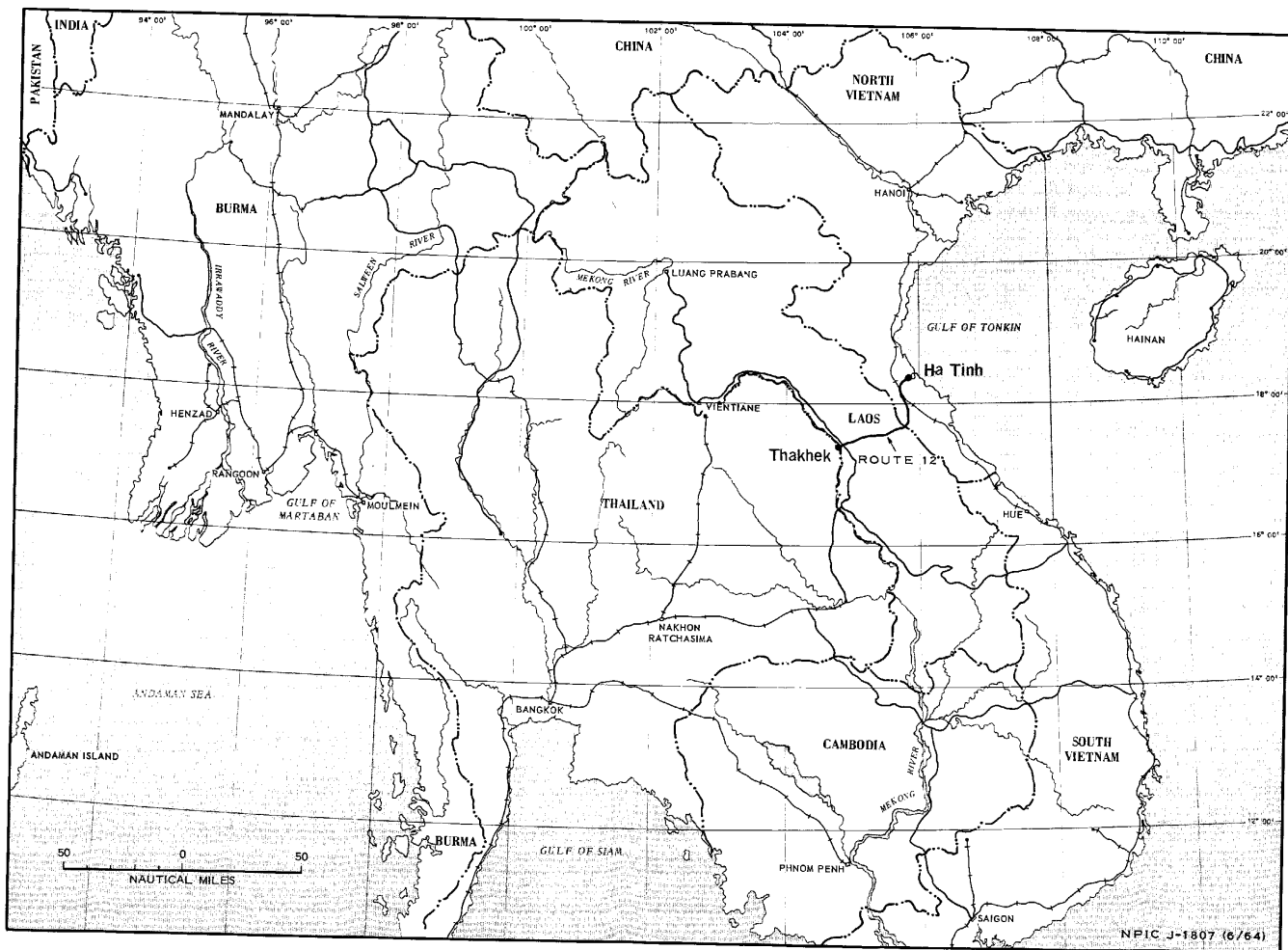
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LOCATOR MAP ROUTE 12, LAOS-NORTH VIETNAM.

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NPIC/R-1236.64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-LAOS-</p> <p>ROUTE 12, SEGMENT 1</p> <p>THIRTY PERCENT OF ROUTE 12, SEGMENT 1 IS COVERED FROM 17-27N 105-07E TO 17-33N 105-10E. ROAD IS SINGLE LANE, NATURAL SURFACE IN POOR CONDITION, WITH NUMEROUS POTHOLES. IT APPEARS TO HAVE LIMITED ALL-WEATHER SERVICEABILITY. AN ABANDONED STEEL THROUGH-TRUSS, MULTISPAN BRIDGE IN DISREPAIR AND A BY-PASS OF LIMITED CAPABILITY ARE LOCATED AT 17-29N 105-07E, UTM WE178372 (SEE ATTACHMENT 1). NO VEHICLES OBSERVED.</p> <div></div>	1733N 10510E	0617		371-B
<p>ROUTE 12, SEGMENT 2</p> <p>APPROXIMATELY 10 PERCENT OF ROUTE 12, SEGMENT 2 IS COVERED FROM 17-33N 105-10E TO 17-34N 105-13E. THE PORTION OF THE SEGMENT COVERED IS SINGLE LANE, NATURAL SURFACE IN POOR CONDITION WITH NUMEROUS WATER-FILLED RUTS AND POTHOLES, AND APPEARS TO HAVE LIMITED ALL-WEATHER CAPABILITY. NO VEHICLES WERE OBSERVED.</p> <div></div>	1734N 10543E	0617		199-E
<p>ROUTE 12, SEGMENT 2</p> <p>ONE HUNDRED PERCENT OF ROUTE 12, SEGMENT 2</p>	1734N 10543E	0617		199-E

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NPIC/R-1258/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>IS COVERED BY CLEAR, SMALL-SCALE PHOTOGRAPHY AND 70 PERCENT IS COVERED BY CLEAR, LARGE-SCALE PHOTOGRAPHY FROM 17-33N 105-12E TO 17-35N 105-37E.</p> <p>THE ROAD IS SINGLE LANE, NATURAL SURFACE IN POOR TO FAIR CONDITION. THE SURFACING IS CHARACTERIZED BY NUMEROUS WATER-FILLED RUTS AND POTHOLES (SEE ATTACHMENT 2) AND PROBABLY HAS LIMITED ALL-WEATHER CAPABILITY. ONE MAJOR BRIDGE, 3-SPAN PROBABLY CONCRETE AND STEEL TRUSS WITH A WOODEN PLANK DECKING, SPANS THE NAM PHOUNG (RIVER) AT BAN BOUNG BAU, 17-34N 105-14E, UTM WE242425 (SEE ATTACHMENT 3).</p> <p>ALL OTHER STREAMS ALONG THE SEGMENT ARE SMALL AND INTERMITTENT, CROSSED BY WOODEN BRIDGES OR FORDS.</p> <p>NO VEHICLES OBSERVED.</p> <div></div>				
<p>ROUTE 12, SEGMENT 2</p> <p>NINETY-FIVE PERCENT OF ROUTE 12, SEGMENT 2 IS COVERED FROM 17-34N 105-13E TO 17-34N 105-43E.</p> <p>NO APPARENT CHANGE IN CONDITIONS SINCE</p>	1734N 10543E	0617		199-E

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<div>[REDACTED]</div> <p>TWO TRUCKS ARE VISIBLE ON THE ROAD, ONE HEADING WEST AT 17-30N 105-20E AND THE OTHER HEADING EAST AT 17-29N 105-25E.</p> <div>[REDACTED]</div>				
<p>ROUTE 12, SEGMENT 2 APPROXIMATELY 30 PERCENT OF ROUTE 12, SEGMENT 2 IS COVERED FROM 17-35N 105-30E TO 17-34N 105-40E. NO APPARENT CHANGE <div>[REDACTED]</div> <div>[REDACTED]</div> NO VEHICLES OBSERVED. <div>[REDACTED]</div></p> <p>-NORTH VIETNAM-</p>	1734N 10543E	0617		199-E
<p>ROUTE 12, SEGMENT 3 THE SOUTHERNMOST 10 PERCENT OF ROUTE 12, SEGMENT 3 IS COVERED FROM 17-34N 105-43E TO 17-49N 105-46E.</p>	1820N 10554E	0617		109-G

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NPIC, R-1258/64

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>ROAD IS SINGLE LANE, NATURAL SURFACE IN GOOD CONDITION AND APPEARS SERVICEABLE FOR LIMITED ALL-WEATHER TRAFFIC. NUMEROUS FORDS AND SMALL WOODEN BRIDGES OBSERVED. MINOR CORDUROYING OBSERVED AT 17-36N 105-44E (UTM WE782457). CONSTRUCTION ACTIVITY INCLUDES A BY-PASS AND BRIDGE UNDER CONSTRUCTION AT DON BAI DINH, 17-45N 105-46E (UTM WE825632), WHICH WILL ELIMINATE TWO MAJOR FORDS (SEE ATTACHMENT 4). VEHICLES INCLUDE 3 PARKED CARGO TRUCKS FACING NORTH AT 17-48N 105-46E AND ONE CARGO TRUCK TRAVELING NORTH AT 17-46N 105-46E. TWELVE CARGO TRUCKS AND 3 BTR-40 ARMORED PERSONNEL CARRIERS ARE PARKED FACING NORTH AT 17-40N 105-46E, AND 13 CARGO TRUCKS ARE HEADING NORTH JUST NORTH OF THE SAME COORDINATES.</p> <div></div>				

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APPENDIX

COLUMN HEADINGS

City, Installation--This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. Where appropriate, the city and installation names are followed by a capsule description.

Coordinates--Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

WAC--This column provides the World Aeronautical Chart number for that area in which the subject installation is situated.

Installation Numbers--This column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the installation. The second subcolumn lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to

WAC. For example, there is an NPIC target number 0499-15-A and an NPIC target number 0498-15-A. In each instance, the NPIC installation number is 15-A, but the installations appear on different WAC charts.

COMOR TARGET NUMBERS

Target numbers assigned by the Committee on Overhead Reconnaissance (COMOR), when available, are listed directly above the photo reference data.

PHOTO REFERENCE DATA

The photo reference data indicates the frame(s) on which the installation appears.

CONDITIONS AFFECTING PHOTOGRAPHY

Following the photo reference data, symbols indicate conditions which affect the appearance of the installation on the photography. The symbols are: C (clear); SC (scattered clouds); HC (heavy clouds); SC-HC (scattered-to-heavy clouds); H (haze); CS (cloud shadow); SD (semi-darkness); O (obliquity); and PQ (poor image quality).

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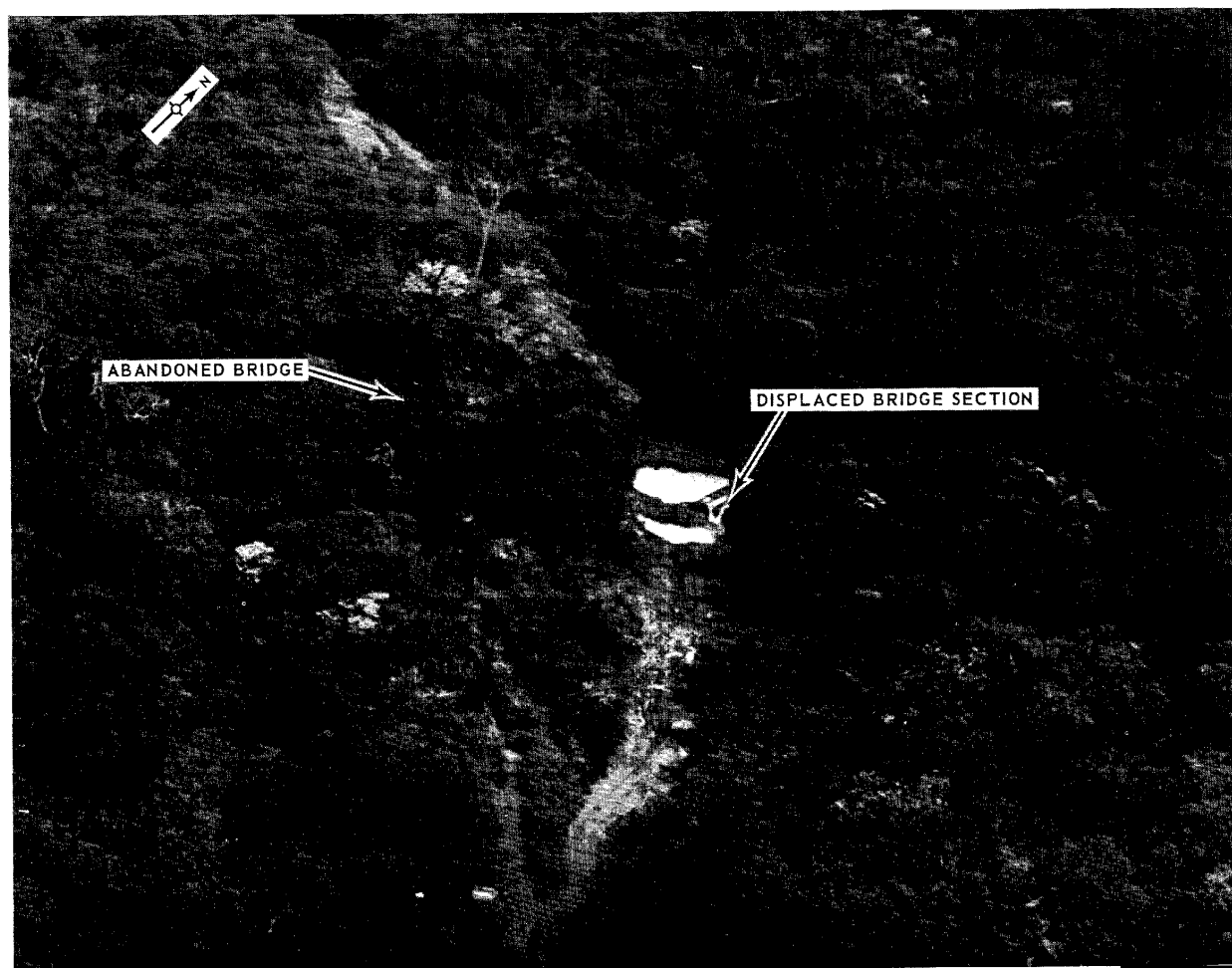
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ATTACHMENT 1



ROUTE 12 BY-PASS, BAN NA KA YAK AREA, LAOS.

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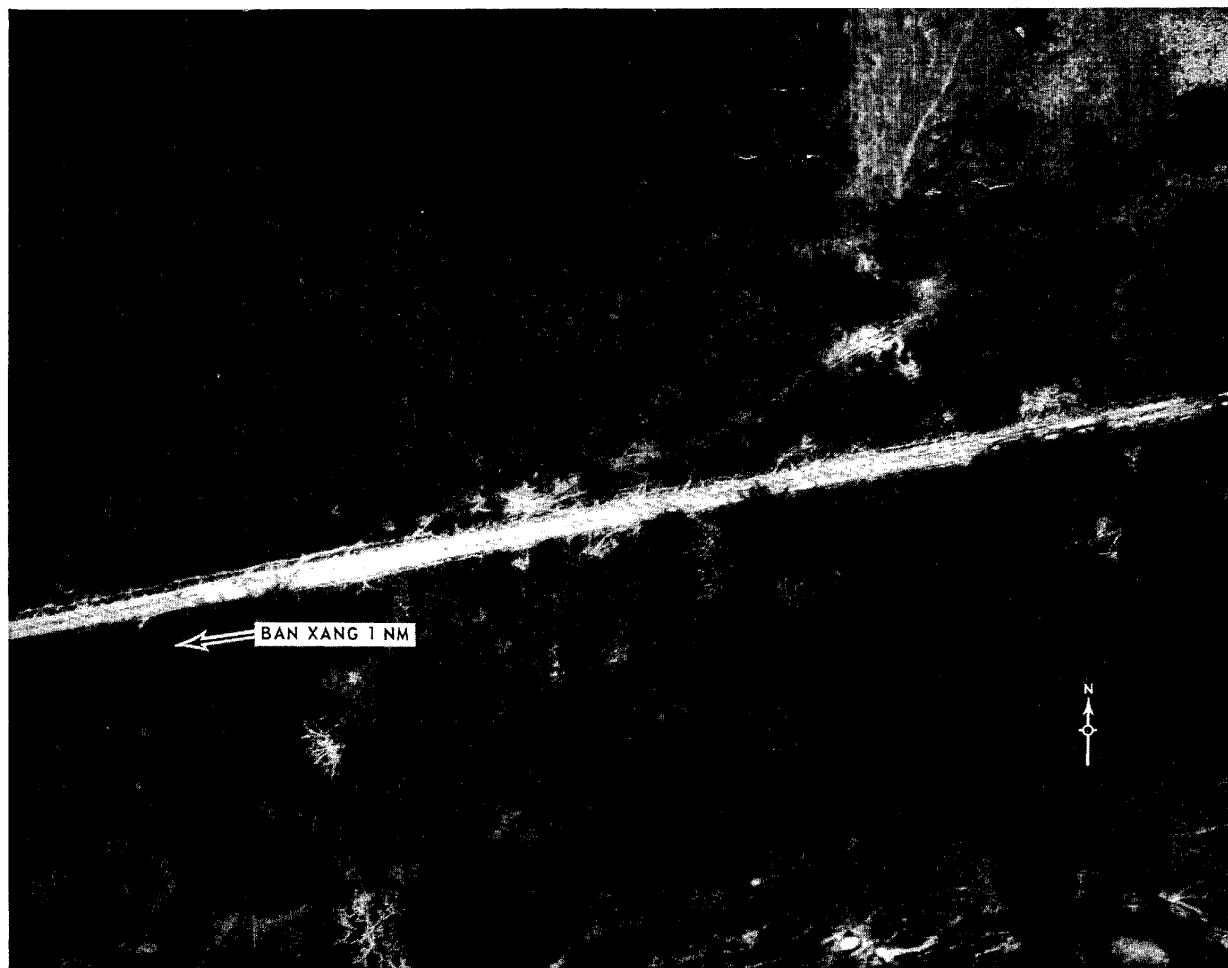
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ATTACHMENT 2



TYPICAL SECTION, ROUTE 12, BAN XANG AREA, LAOS.

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ATTACHMENT 3



BRIDGE ON ROUTE 12, BAN BOUN BAU, LAOS.

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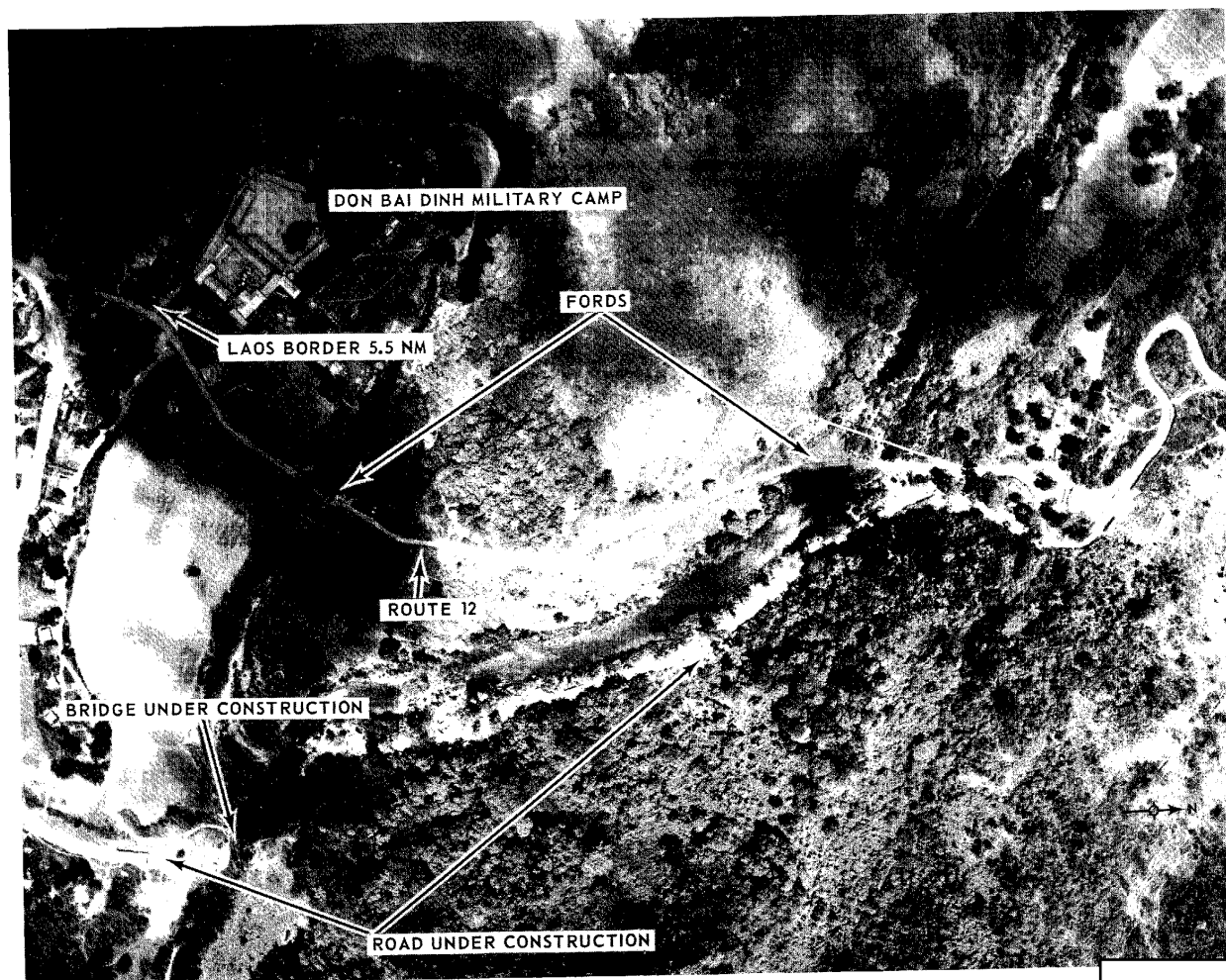
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ATTACHMENT 4



ROAD AND BRIDGE CONSTRUCTION, DON BAI DINH AREA, NORTH VIETNAM.

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